

INSTALLATION INSTRUCTIONS • SQPS36 - 3/4" (1.9 cm) Square Baluster x 36" (91.4 cm) Long

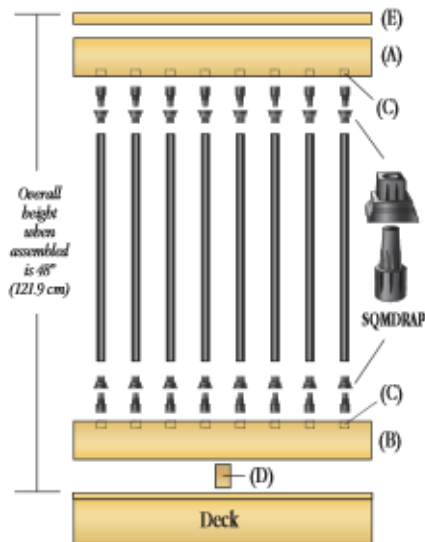
IMPORTANT: Prior to construction, check with your local or regional municipalities for building code requirements in your area.

OPTION A

DECK RAIL INSTRUCTIONS

OPTION B

- STEP 1:** Measure distance between posts to determine the length of the top (A) (E) and bottom (B) rail sections. The 10 balusters contained in this package should fit a 4' (121.9 cm) section of rail.
- STEP 2:** Cut top 2x4 (A), 2x4 (E) and bottom 2x4 (B) rails to length and mark and drill holes (C) along the length of the rails, evenly spaced, to a depth of 3/4" (1.9) using a 13/16" (2 cm) drill bit. The baluster spacing is typically 4-1/2" (11.4 cm) on-center with equal spacing at each end between first and last balusters and posts.
- STEP 3:** Insert Nuvo Iron™ SQMDRAP square baluster connectors (not included) into each hole.
- STEP 4:** Mount lower rail (B) to posts and place lower end of each baluster onto each connector.
- STEP 5:** Lower top rail (A) and place top end of balusters onto the top connectors and mount top rail to posts.
- STEP 6:** Add 2x4 cap rail (E) for a finished look.
- Note: For rail sections longer than 4' (121.9 cm), support blocks (D) are recommended between bottom rail and deck.

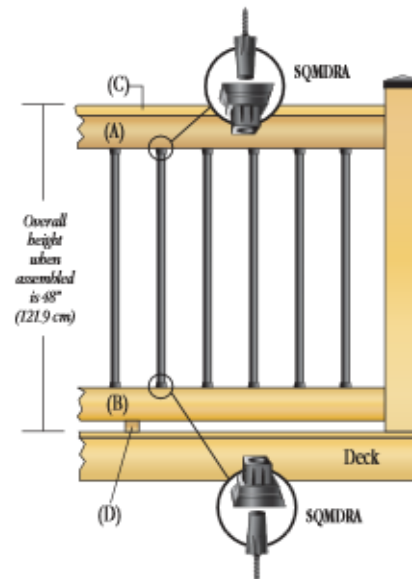
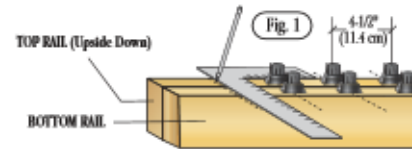


Nuvo Iron™ Surface Mount Deck Rail Connector Part #SQMDRA (Sold Separately)

TYPICAL INSTALLATION

Measure railing opening from post to post to determine the length of each baluster rail section. Cut top (A) and bottom (B) rails (2x4's) to length and clamp together. Mark top and bottom rails 4-1/2" (11.4 cm) on-center, starting at the center of the rails (see Fig.1). Fasten SQMDRA connectors to rails on each mark. Place the bottom rail between the rail posts, supported by a 1-1/2" (3.8 cm) block. Secure rail to posts and slide balusters over the bottom connectors. Carefully place top rail over the balusters, making sure each baluster is seated properly on each connector. Inspect finished railing for proper baluster spacing and secure top rail. Add a cap rail (C) for a finished look.

Note: For rail sections longer than 4' (121.9 cm), support blocks (D) are recommended between bottom rail and deck.



AC ENGINEERING INC
REVIEWED FOR O.B.C.
2012 3.4.6.6 & 4.1.5.14



BASED ON INTERTEK REPORT
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NUVO IRON™

NUVO IRON™ 1-866-955-0355
www.nuvoiron.com



Square Baluster (deck) installation details

INSTALLATION INSTRUCTIONS • SQPS26 - 3/4" (1.9 cm) Square Baluster x 26" (66 cm) Long

IMPORTANT: Prior to construction, check with your local or regional municipalities for building code requirements in your area

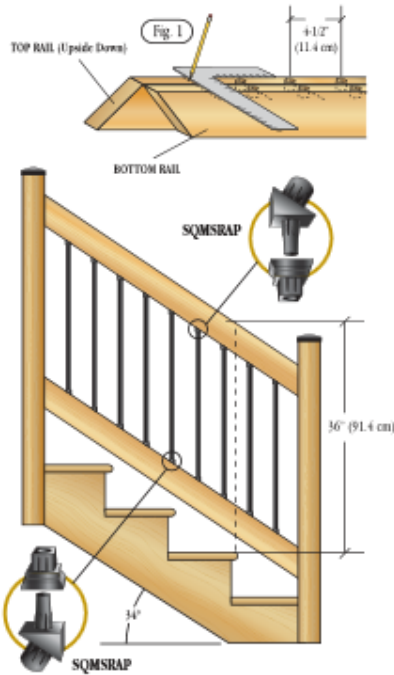
SQUARE STAIR BALUSTERS

OPTION A

**NUVO IRON™ Stair Rail Connector
Part #SQMSRAP (Sold Separately)**

TYPICAL INSTALLATION

Use on stairs with a 9-1/4" (23.4 cm) run and a 6-3/4" (17.1 cm) rise.
Measure and cut top and bottom 2x4 rails at the proper angle. Clamp the top and bottom rails together with the top rail inverted (see Fig. 1). Mark 4-1/2" (11.4 cm) on-center, working from the center out to the ends of the rails and drill 13/16" (2.06 cm) holes to a depth of 3/4" (1.9 cm). Properly position and push the adapters into the rail holes. The top and bottom adapters will be facing opposite directions. Assemble balusters to the top and bottom rails, then attach full rail section between the stair rail posts.

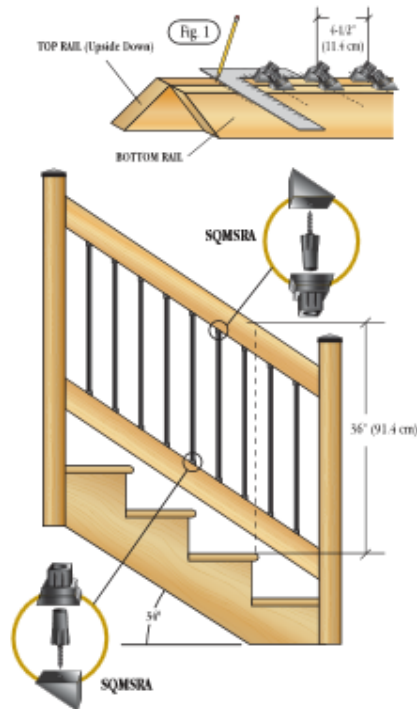


OPTION B

**NUVO IRON™
Surface Mount Stair Rail Connector
Part #SQMSRA (Sold Separately)**

TYPICAL INSTALLATION

Use on stairs with a 9-1/4" (23.4 cm) run and a 6-3/4" (17.1 cm) rise.
Measure and cut top and bottom 2x4 rails at the proper angle. Clamp the top and bottom rails together with the top rail inverted (see Fig. 1). Mark 4-1/2" (11.4 cm) on-center, working from the center out to the ends of the rails. Fasten SQMSRA connectors on each mark. The top and bottom connectors will be facing opposite directions. Assemble balusters to the top and bottom rails, then attach complete rail section between the stair rail posts.



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Square Baluster (Stair) installation details